

ATTACHMENT 1. AUTHORIZATION AND ELIGIBILITY REQUIREMENTS

AUTHORIZING DOCUMENTATION

The attached resolution authorizes the Antelope Valley-East Kern Water Agency to submit this Implementation Grant Proposal and execute an agreement with the State of California.

ELIGIBLE APPLICANT DOCUMENTATION

The applicant (Antelope-Valley-East Kern Water Agency [AVEK]) is a local organization and was created on September 9, 1959, by an act of the California Legislature. The primary purpose for the formation of the Agency was to obtain imported water from the State Water Project to supplement over-drafted groundwater resources.

In January 1962, the State Department of Water Resources issued a report entitled *Report on Feasibility of Serving the Antelope Valley-East Kern Water Agency from State Water Facilities*. The principal conclusion of the report was, "The Antelope Valley-East Kern Water Agency and the area it encompasses has the ability, the necessity, the economic justification, and the financial capability required to enter into a contract with the State of California for the service of water from State Water Facilities."

In September 1962, AVEK executed a contract with the State Department of Water Resources for delivery of a maximum entitlement of 120,000 AFY of water. Subsequent amendments to the contract increased AVEK's entitlement to 141,400 AFY.

File 2 of Attachment 2 of this application includes the Integrated Regional Water Management Plan Implementation Agreement among the Regional Water Management Group (RWMG) participants. AVEK is the only sponsor for the project with many of the RWMG participants supporting the proposal.

GROUND WATER MANAGEMENT PLAN COMPLIANCE

One of the more prevalent concerns in the Antelope Valley Region relates to management of the Antelope Valley Groundwater Basin. Groundwater has and continues to be an important resource within the Antelope Valley Region. Projected urban growth, coupled with limits on the available local and imported water supply, are likely to continue to increase the reliance on groundwater.

The Antelope Valley IRWM Plan ([previously submitted to DWR](#)), as prepared and adopted by AVEK and the other members of the Antelope Valley Regional Water Management Group, meets all of the requirements of a Groundwater Management Plan in compliance with CWC § 10753.7. The following Assembly Bill (AB) 3030 elements are also associated with groundwater supply management within the Antelope Valley Region. A discussion of how these elements are addressed in IRWM Plan is provided below.

Mitigation of Conditions of Overdraft

The Antelope Valley groundwater basin is not currently adjudicated, but an adjudication process is currently in litigation. Although there are no existing restrictions on pumping, water rights may be

assigned as part of the adjudication process. The groundwater adjudication process is a management action discussed in the Antelope Valley IRWM Plan.

Replenishment of Groundwater Extracted by Water Producers

Several groundwater recharge and banking projects were evaluated as part of the IRWM Plan including the proposed Water Supply Stabilization Project No. 2. Additionally, Edwards Air Force Base has been actively involved in projects aimed at recharging the depleted aquifers. The goals of these projects are to recharge/bank sufficient groundwater supply in wet years for use during dry years, thereby minimizing long-term impacts to groundwater levels.

Monitoring of Groundwater Levels and Storage

Groundwater level and storage monitoring is a direct indicator of the groundwater supply. The Water Supply Management Strategy (WSMS) (provided in Section 5 of the IRWM Plan) includes management and compilation of groundwater water levels and water quality. A significant portion of the WSMS is implemented through a contract between AVEK and the USGS to annually monitor groundwater levels in a network of existing wells.

Facilitating Conjunctive Use Operations

Conjunctive use operations relate to the combined use of surface water and groundwater to optimize resources and minimize adverse effects of using a single source. Conjunctive use will be facilitated as part of the Antelope Valley IRWM Plan through many of the water supply management projects in the WSMS described in more detail in Section 5 of the Antelope Valley IRWM Plan. Conjunctive use opportunities with locally available water are limited, due to the relatively small amount of native surface and groundwater available. Thus, the success of conjunctive use operations will depend on the ability to import water from outside of Antelope Valley.

COMPLIANCE WITH CWC 83002.(B)(3)(B)

The Antelope Valley IRWM Plan was adopted prior to September 30, 2008. The Regional Water Management Group will enter into an agreement with the State to receive funds under the proposal for a Planning Grant, Round 1 as submitted by the Antelope Valley State Water Contractors Association to update the adopted IRWM Plan. The updated plan will conform to the new guidelines and standards for preparation and implementation and will undertake reasonable effort to take into account water-related needs of disadvantaged communities as described in the Region's Planning Grant Application.

CONSISTENCY WITH AN ADOPTED IRWM PLAN

Appendix E of Volume 2 of the IRWM Plan shows the proposed project (Water Supply Stabilization Project – Westside) as one of the high priority implementation projects of the IRWM Plan to be implemented by the applicant. The RWMG and stakeholders agreed that the proposed project would be the only project submitted in the application for an implementation grant considering the limited funds available to the Region in Round 1.

ATTACHMENT EXHIBITS

File 2 of 4 – Resolution Approving Implementation Grant Application

File 3 of 4 – Project Letters of Support

File 4 of 4 – IRWM Plan Prioritized Project List

Attachment 1 Exhibit
Resolution Approving Implementation Grant Application

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Project Letters of Support

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